In the Claims:

Please amend the claims as follows:

1. (previously presented) A method of providing address information for reaching a wireless terminal, comprising:

dynamically notifying substantially directly at least one other communicating party of a current public address of a wireless terminal;

said wireless terminal being connected to a first wireless communication network, said wireless terminal having a dynamically allocated varying public address, and said wireless terminal being reachable from outside of the first wireless communication network by means of said varying public address

2. (previously presented) The method of claim 1, wherein said notifying comprises dynamically sending an address update request substantially directly to said at least one other communicating party, the address update request comprising a source address and a destination address.

3. (previously presented) The method of claim 2, wherein said sending an address update request is repeated periodically.

4. (previously presented) The method of claim 1, wherein said notifying comprises dynamically finding out a public address allocated to the wireless terminal at a given moment for obtaining said current public address of the wireless terminal, and sending said current public address of the wireless terminal substantially directly to said at least one other communicating party.

5. (previously presented) The method of claim 4, wherein said sending is conducted, if said current public address has changed after the previous sending of the current public address.

6. (original) The method of claim 4, wherein finding out said current public address comprises

  querying the public address of the wireless terminal from an external entity

  capable of seeing the public address of the wireless terminal.

7. (original) The method of claim 4, wherein finding out said current public address comprises

  polling substantially continuously said current public address.

8. (original) The method of claim 1, wherein the method further comprises

  choosing conditionally, which other communicating parties are notified of said

  current public address.

9. (previously presented) The method of claim 8, wherein said choosing is conducted

  on the basis of predefined profile information defining to whom said current public

  address shall be available.

10. (original) The method of claim 1, wherein the method further comprises

  maintaining said current public address in said at least one other communicating

  party in association with identification information associated with the wireless

  terminal, whereby the address information for reaching said wireless terminal is

  readily available in said at least one other communicating party by means of said

  identification information for future use.

11. (original) The method of claim 10, wherein said identification information is a

  predefined host name.

12. (original) The method of claim 1, wherein said at least one other communicating

  party is one of the following: a general-purpose computer, a server and another

wireless terminal, such as a mobile phone, a PDA (Personal Digital Assistant) device or a laptop computer with wireless communicating capability.

13. (previously presented) A method of providing address information for reaching a wireless terminal, comprising:

receiving at an external name server, to which the wireless terminal has been registered by means of identification information associated with the wireless terminal, a notification of a current public address of the wireless terminal,

said wireless terminal being coupled to a first wireless communication network, said wireless terminal being reachable from outside of the first wireless communication network by means of a varying public address,

maintaining said current public address in said external name server in association with said identification information, and

conditionally giving out said current public address from said external name server according to conditions given in profile information associated with said identification information, whereby the address information for reaching said wireless terminal is conditionally obtainable from said external name server by means of said identification information.

14. (previously presented) The method of claim 13, wherein said notification is an address update request comprising a source address and a destination address, and the method comprises

using the source address of the address update request as seen by said external name server as said current public address of the wireless terminal.

15. (canceled)

16. (canceled)

17. (canceled)

18. (previously presented) The method of claim 13, wherein the method comprises receiving said profile information at said name server in combination with said notification of the current public address.

19. (original) The method of claim 13, wherein said profile information defines to whom said address information shall be available.

20. (original) The method of claim 13, wherein said profile information defines a time period during which said address information shall or shall not be available.

21. (original) The method of claim 13, wherein said external name server is located outside of said first wireless communication network.

22. (previously presented) A system for providing address information for reaching a wireless terminal, the system comprising:

a wireless communication network,

a wireless terminal coupled to said wireless communication network, a varying said wireless terminal being configured to have a dynamically allocated varying public address, and said wireless terminal being configured to be reachable from outside of said wireless communication network by means of said varying public address, and

at least one other communicating party;

said wireless terminal being configured to dynamically notify substantially directly said at least one other communicating party of a current public address of the wireless terminal.

23. (previously presented) A system for providing address information for reaching a wireless terminal, the system comprising:

a wireless communication network,

a wireless terminal coupled to said wireless communication network, said wireless terminal being configured to have a dynamically allocated varying public address, and said wireless terminal being configured to be reachable from outside of said wireless communication network by means of said varying public address, and

an external name server configured to have said wireless terminal registered thereto by means of identification information associated with the wireless terminal,

said wireless terminal being configured to dynamically notify said external name server of a current public address of the wireless terminal,

said external name server being configured to maintain said current public address in association with said identification information,

said external name server being configured to maintain profile information associated with said identification information, and

said external name server being configured to conditionally give out said current public address according to conditions given in said profile information, so that the address information for reaching said wireless terminal is conditionally obtainable from said external name server by means of said identification information.

24. (previously presented) A name server comprising:

a processor and associated memory configured:

to maintain a current public address of a wireless terminal in association with identification information associated with the wireless terminal, said wireless terminal being reachable by means of said public address,

to maintain profile information associated with said identification information, and

to conditionally give out said current public address according to conditions given in said profile information, so that the address information for reaching said wireless terminal is conditionally obtainable from said name server by means of said identification information.

25. (previously presented) A wireless terminal coupled to a wireless communication network, comprising:

a processor and associated memory configured:

to have a dynamically allocated varying public address, to be reachable from outside of said wireless communication network by means of said varying public address, and

to dynamically notify substantially directly at least one other communicating party of a current public address of the wireless terminal.

26. (previously presented) The wireless terminal of claim 25 configured to execute said notifying by

dynamically sending an address update request substantially directly to said at least one other communicating party, the address update request comprising a source address and a destination address.

27. (original) The wireless terminal of claim 25 configured to execute said notifying by

dynamically finding out a public address allocated to the wireless terminal at a given moment for obtaining said current public address of the wireless terminal, and

sending said current public address of the wireless terminal substantially directly to said at least one other communicating party.

28. (original) The wireless terminal of claim 25 further configured to conditionally choose, which other communicating parties are notified of said current public address.

29. (previously presented) A wireless terminal coupled to a wireless communication network, comprising:

a processor and a memory configured:

to have a dynamically allocated varying public address, to be reachable from

outside of said wireless communication network by means of said varying public address,

to be registered to an external name server by means of identification information associated with the wireless terminal,

to dynamically notify said external name server of a current public address of the wireless terminal, and

to provide profile information associated with said identification information to said external name server.

30. (cancelled)

31. (previously presented)   A computer readable medium embodying a computer program executable in a name server, said computer program when executed by said name server for:

maintaining in said name server a current public address of a wireless terminal in association with identification information associated with the wireless terminal, said wireless terminal being reachable by means of said public address,

maintaining in said name server profile information associated with said identification information, and

conditionally giving out said current public address according to conditions given in said profile information, whereby the address information for reaching said wireless terminal is conditionally obtainable from said name server by means of said identification information.

32. (previously presented)   A computer readable medium embodying a computer program executable in a wireless terminal coupled to a wireless communication network, said wireless terminal having a varying public address dynamically allocated to it, and said wireless terminal being reachable from outside of said wireless communication network by means of said varying public address, said computer program when executed by said wireless terminal for:

dynamically notifying substantially directly at least one other communicating party of a current public address of the wireless terminal.

33. (previously presented)   A computer readable medium embodying a computer program executable in a wireless terminal coupled to a wireless communication network, said wireless terminal having a varying public address dynamically allocated to it, said wireless terminal being reachable from outside of said wireless communication network by means of said varying public address, and said wireless terminal being registered to an external name server by means of identification information associated with the wireless terminal, said computer program when executed by said wireless terminal for:

dynamically notifying said external name server of a current public address of the wireless terminal, and

providing profile information associated with said identification information to said external name server.   •

34. (previously presented)   A computer readable medium embodying a computer program executable in a communicating device, said computer program when executed by said communicating device for:

receiving address information for reaching another communicating party substantially directly from said another communicating party.

35. (previously presented)   A method of providing address information for reaching a wireless terminal, said wireless terminal being connected to a wireless communication network, said wireless terminal having a dynamically allocated varying public address, said wireless terminal being reachable from outside of the first wireless communication network by means of said varying public address, and said wireless terminal being registered to an external name server by means of identification information associated with the wireless terminal, wherein the method comprises:

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dynamically notifying said external name server of a current public address of the wireless terminal, and

providing profile information associated with said identification information to said external name server.

36. (previously presented) The method of claim 35, wherein said notifying comprises

dynamically sending an address update request to said external name server, the address update request comprising a source address and a destination address.

37. (previously presented) The method of claim 36, wherein said sending of an address update request is repeated periodically.

38. (previously presented) The method of claim 35, wherein said notifying comprises

dynamically finding out a public address allocated to the wireless terminal at a given moment for obtaining said current public address of the wireless terminal, and

sending said current public address from said wireless terminal to said external name server.

39. (previously presented) The method of claim 38, wherein said sending is conducted if said current public address has changed after the previous sending of the current public address.

40. (previously presented) The name server of claim 24, wherein the name server is further configured to receive said profile information in combination with a notification of the current public address of the wireless terminal.

41. (currently amended) The~~A~~ communicating device ~~of claim 30~~ <u>configured to receive</u> <u>address information for reaching anther terminating communicating party</u> <u>substantially directly from said another terminating communication party</u>, wherein

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the communicating ~~device~~party is further configured

to receive an address update request from said another communicating party, and

to use a source address of the address update request as seen by said communicating device as a current public address of said another communicating party.

42. (previously presented) A name server comprising:

means for maintaining a current public address of a wireless terminal in association with identification information associated with the wireless terminal, said wireless terminal being reachable by means of said public address,

means for maintaining profile information associated with said identification information, and

means for conditionally giving out said current public address according to conditions given in said profile information, whereby the address information for reaching said wireless terminal is conditionally obtainable from said name server by means of said identification information.

43. (previously presented) A wireless terminal coupled to a wireless communication network, said wireless terminal being configured to have a dynamically allocated varying public address, and to be reachable from outside of said wireless communication network by means of said varying public address, the wireless terminal comprising

means for dynamically notifying substantially directly at least one other communicating party of a current public address of the wireless terminal.